

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/813,895	SUGIYAMA, FUMIAKI	
	<b>Examiner</b>	<b>Art Unit</b>	
	King Y. Poon	2624	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 1/27/2005.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ The drawings filed on 19 June 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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**KING Y. POON  
PRIMARY EXAMINER**

*King Y. Poon*

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1. The following is an examiner's statement of reasons for allowance:

The invention is directed to a system and method of making second copy using tandem type color printer.

Independent claim 1 identifies the uniquely distinct features of "a second memory for mixedly memorizing said bitmap data sets stored in said first memory but arranged in a second arrangement different from said first arrangement, a data controller connected to said first memory and said second memory for reading out said bitmap data sets from said first memory when a first copy of said printed matter is made, for storing said bitmap data sets read out from said first memory in said second memory in a case where a second copy of said printed matter is made, and for reading out said bitmap data sets from said second memory when said second copy of said printed matter is made"

Independent claim 3 identifies the uniquely distinct features of "a second memory connected to said data controller for memorizing said bitmap data sets from said first memory which are supplied from said data controller so that each of said bitmap data sets is divided into a plurality of data units each of which has a predetermined size and that said data units of said bitmap data sets are arranged on the basis of said predetermined output order regardless of said colors, wherein said data controller reads out said bitmap data sets from said second memory line by line in said predetermined output order when a second copy of said printed matter is made."

Independent claim 10 identifies the uniquely distinct features of "storing said bitmap data sets from said first memory which are output from said data controller in a

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second memory with changing an arrangement of said bitmap data sets reading out, by the use of said data controller, said bitmap data sets from said second memory when a second copy of said printed matter is made, and outputting, from said data controller, said bitmap data sets from said second memory, to make said second copy of said printed matter."

Independent claim 11 identifies the uniquely distinct features of "judging, at said data controller, whether a second copy of said printed matter is made or not, judging, at said data controller, whether said one data line from said first memory can be stored in a present memorizing area of a second memory or not when said data controller judges that said second copy of said printed matter is made, said present memorizing area having a predetermined size and memorizing the preceding data line corresponding to the color, storing said data line in said present memorizing area when said data controller judges that said data line can be stored in said present memorizing area, storing said data line in another memorizing area having an address larger than that of said present memorizing area when said data controller judges that said data line cannot be stored in said present memorizing area, and reading out, by the use of said data controller, said data line from said second memory to output said data line when said data controller judges that said horizontal synchronized signal is not for said first copy of said printed matter."

The closest prior art Nakayasu (US 6,198,896); disclosed system and method of printing using tandem type color printer (fig. 1), wherein the printer has a memory for

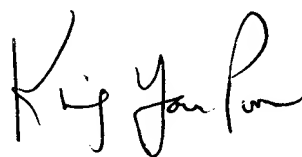
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separately storing data set (82-1 to 82-4, fig. 4B); either singularly or in combination with other cited references; fails to anticipate or render the above underlined limitations obvious (to be used with other claimed limitations).

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is (571) 272-7440.

6/5/05

A handwritten signature in black ink, appearing to read "King Y. Poon". The signature is stylized with a large "K" and a long, sweeping "P".

**KING Y. POON  
PRIMARY EXAMINER**